

-COMMUNITY HEALTH AND EMS PROFESSIONALS-

-COMMUNITY PARAMEDICINE-

Ada County Community Paramedics 370 North Benjamin Lane, Boise, ID 83704 208-287-2993

The Concept of Community Paramedicine:



- Meeting Healthcare Needs With
 Untapped
 Resources/Infrastructure/Providers
- Leveraging Resources/Partnerships
- Closing Gaps/Expanding Coverage
 By Expanding The Role Of EMS
 Professionals
- Comes With Additional Education
 And Medical Oversight
- Designing The Program To Meet
 The Specific Needs And Resources
 Of Each Community
- National Concept Locally Tailored

EMS Agencies & Professionals



- Communications
 Infrastructure
- Reporting Requirements
- Electronic Patient Care Records
- Medical Interventions
- Medications
- Assessments
- Transfer of Patient Care
- Perception vs. Reality

Perception Vs Reality



Ada County Paramedics FY2013 – 23,354 Total Calls

- 14,541 No Lights or Sirens,62%
- 1,129 Lights and Sirens, 5%



<u>Perception</u> – Car Accidents And Heart Attacks

Reality – Mix of Emergent And Non-Emergent Patients

- Social Determinants of Health
- Mental Health
- Primary Care

Why EMS Professionals – Benefits



- EMS Professionals are one of the only healthcare providers who have to communicate with every other individual involved in health care.



- EMS Professionals perform many aspects of healthcare and care coordination which normally require multiple healthcare providers to complete.

- EMS Professionals see how a clinical plan fits into a person's actual life, barriers, and what happens when it fails.
- EMS Professionals work independently in nonclinical settings, and are comfortable with non-transport and assessment skills. Medics need to be able to find answers in this type of setting.



- EMS Professionals know local needs, populations and resources.
- EMS Professionals can extend the reach of providers into the home environment. "Eyes & Ears Of Providers"
- EMS is the link into the healthcare system.



Brief History of CPs at ACP

- Began December 2011
- 2 FTEs. 4 Half Time Paramedics
- 1-3 Year Plan
- Additional Education Colorado Mountain College
 - * Multiple Clinical Sites
 - * Continuing Education
- Community/Partner Stakeholder Engagement
- Program Focus/Pilot Development
 - * Transitions Care with Hospital
 - * Agency/County Health/Wellness Programs
 - * System Focus



Established Programs/Pilots:

- At Risk Field Referrals
- Transitions Program with Hospitals
- County Wide Flu Vaccine Program/Wellness
- Mental Hold Emergency Department Diversion Pilot
- Formation of Liaison and Advisory Council
- D.O.T Program/Direct Observation Therapy TB Medication

EMS Systems Partners Field Referral Program:

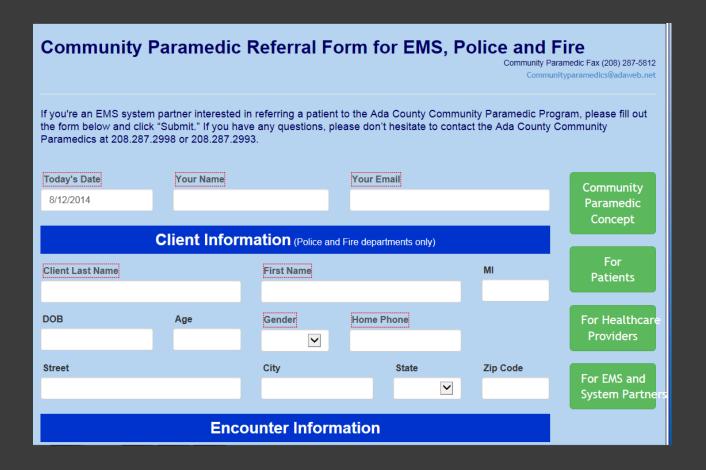
- ACP Personnel/Dispatch/ Law Enforcement/Fire Units
- Online Referral
- Patient Contact
- Over the Phone/In-Home
- **2013 94** Total Referrals
- **2014 48** Total Referrals
- Redesigned Online Referral Form





EMS Systems Partners Field Referral Program

On-Line Form



Ada County CP - Transitions Program St Luke's Hospital System

- 30-Day Transitions Program
- Reduce Readmissions
- **Empower Patients**
- Patient Types:

CHF

COPD

AMI

- **2013 19 Total Patients**
- 2014 24 Referrals 12 Accepted





Community Paramedic Program Patient Satisfaction Evaluation

Community Paramedic Line (208)287-2998

YOUR VISIT WITH THE COMMUNITY PARAMEDIC:	EXCELLENT	GOOD	NEUTRAL	FAIR	POOR
1. Willingness to listen carefully to you	5	4	3	2	1
2. Taking time to answer your questions	5	4	3	2	1
3. Amount of time spent with you	5	4	3	2	1
4. Explaining things in a way you could understand	5	4	3	2	1
5. Instructions regarding medication/follow-up care	5	4	3	2	1
6. Resource referral was appropriate and helpful	5	4	3	2	1
7. The thoroughness of the examination	5	4	3	2	1
8. Assistance in communicating with my providers	5	4	3	2	1
YOUR OVERALL SATISFACTION WITH:					
1. The Community Paramedic Program	5	4	3	2	1
2. The quality of your medical care/evaluation	5	4	3	2	1
3. Overall rating of care/compassion from your Medic	5	4	3	2	1
WOULD YOU RECOMMEND THE SERVICE TO OTHERS? IF NO, PLEASE TELL US WHY:	Yes	No			
ANY ADDITIONAL COMMENTS ABOUT THE COMMUNI	ITY PARAMEDIC	VISIT OR	PROGRAM:		
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YOUR VISIT WITH THE COMMUNITY PARAMEDIC:	EXCELLENT	GOOD	NEUTRAL	FAIR	POOR
1. Willingness to listen carefully to you	્રક્રો	4	3	2	1
2. Taking time to answer your questions	(5)	4	3	2	1
3. Amount of time spent with you	(5)	4	3	2	1
4. Explaining things in a way you could understand	(5)	4	3	2	1
5. Instructions regarding medication/follow-up care	(5)	4	3 .	2	1
6. Resource referral was appropriate and helpful	(3)	4	3	2	1
7. The thoroughness of the examination	(5)	4	3	2	1
YOUR OVERALL SATISFACTION WITH:					
1. The Community Paramedic Program	(3)	4	3	2	1
2. The quality of your medical care/evaluation	(3)	4	3	2	1
3. Overall rating of care/compassion from your Medic	(5)	4	3	2	1
WOULD YOU RECOMMEND THE SERVICE TO OTHERS? (Yes) IF NO, PLEASE TELL US WHY:	,	No			

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Community Paramedic Line (208)287-2998

YOUR VISIT WITH THE COMMUNITY PARAMEDIC:	EXCELLENT	GOOD	NEUTRAL	FAIR	POOR
1. Willingness to listen carefully to you	(S)	4	3	2	1
2. Taking time to answer your questions	4	4	. 3	2	1
3. Amount of time spent with you	(5)	4	3	2	1
4. Explaining things in a way you could understand	€	4	3	2	1
5. Instructions regarding medication/follow-up care	(5)	4	3	2	1
6. Resource referral was appropriate and helpful	5	0	3	2	1
7. The thoroughness of the examination	(5)	4"	3	2	1
YOUR OVERALL SATISFACTION WITH:					
1. The Community Paramedic Program	(5)	4	3	2	1
2. The quality of your medical care/evaluation	(5)	4	3	2	1
3. Overall rating of care/compassion from your Medic	©	4	3	2	1
NOULD YOU RECOMMEND THE SERVICE TO OTHERS?	· ·	No			



Community Paramedic Program Patient Satisfaction Evaluation

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1. Willingness to listen carefully to you 5 4 3 2 1 2. Taking time to answer your questions 5 4 3 2 1 3. Amount of time spent with you 5 4 3 2 1	
3. Amount of time spent with you 5 4 3 2 1	
4. Explaining things in a way you could understand 5 4 3 2 1	
5. Instructions regarding medication/follow-up care 5 4 3 2 1	
6. Resource referral was appropriate and helpful (5) 4 3 2 1	
7. The thoroughness of the examination 5 4 3 2 1	
YOUR OVERALL SATISFACTION WITH:	
1. The Community Paramedic Program 5 4 3 2 1	
The quality of your medical care/evaluation S 4 3 2 1	
3. Overall rating of care/compassion from your Medic 5 4 3 2 1	
WOULD YOU RECOMMEND THE SERVICE TO OTHERS? Yes No IF NO, PLEASE TELL US WHY:	

"Very supportive! Educational and provides resources for the heart failure patient to live by!"

ANY ADDITIONAL COMMENTS ABOUT THE COMMUNITY PARAMEDIC VISIT OR PROGRAM:
Very Supportance Federational, of provides resources for the

"____ was my paramedic and there is no way to say how wonderful he was! Great, great guy. He called every week and followed up and I truly miss talking to him. Wonderful Program"

Le me way to pay how wardenful he was !!

Exect - La rest guy He Called Carlera week operations to have I would be was to the some to the same of the contract of the contract

"Extremely helpful – Dieticians helpful. Thanks for everything, making appointments for us."

ANY ADDITIONAL COMME	NTS ABOUT TH	E COMMUNITY	PARAMEDIC	VISIT OR PROGRA	AM:
Thanks	Sox	everut	hiva.	making	appt.
for in	\ -	1.	1.7	,	, 10

"Unequivocal Recommendation! "

"Program provides an invaluable service. ____ was a stellar representative for the program. He explained things in understandable terms. He helped us through the transition from confusion to acceptance and being able to deal with a completely different and new lifestyle. The program offers tools for living as normally as possible."

WOULD YOU RECOMMEND THE SERVICE TO OTHERS? IF NO, PLEASE TELL US WHY: Urequire of Recomme	(ves) No
ANY ADDITIONAL COMMENTS ABOUT THE COMMUNI Program Provides an involunche see what this program the explained the US Provide The Transfirm of norm Comples A completely of fleavest of new life stiple. To living as possible.	avice washis a STAllna Representative
THANK YOU FOI	DR YOUR COMMENTS!

- Ada County CP - Transitions Pilot - Saint Alphonsus Hospital System

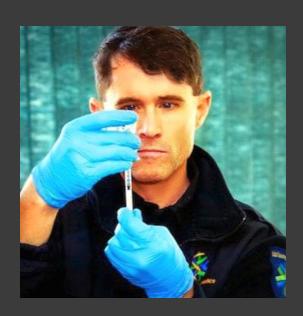
- 30-Day Transitions Program
- Reduce Readmissions
- Empower Patients
- Patient Types: CHF



Contract Phase
Clinical Expectations
Referral Guidelines
Personnel Responsibilities and Liabilities

- Mobile Seasonal Flu Vaccination Clinics – Ada County Employees

- Two Main County Locations
- Additional County Sites
 - DMV
 - Weed and Pest
 - Waste Management
 - Recreation
 - 1600 Employees
 - Approximately 500 employees prior
 - 831 16% increase in two years
 - Over 50% of total employee population vaccinated
 - Included BP screenings, information campaign prior, prize drawing
 - New health screenings Cardiac Risk Panel/A1C/BMI



Ada County CP Involuntary Mental Hold Emergency Department Diversion Program

- Working with Local Law Enforcement
- Goal Direct Admission Mental Health Facility
- Expedite Care
- Screening Exam

Oral Toxicology Swab
Alcohol Breath Test
Vitals/ECG
Bed Assignment

<u>Phase I Results</u>

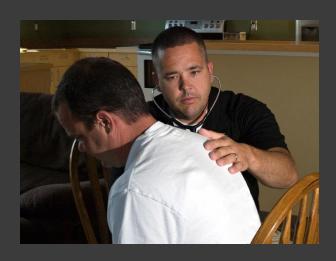
No ED Diversions – 52 Patients 29 (54%) Met Criteria 14 Minute Screening Time Savings of \$70,035 in ED Charges 116 ED Bed Hours Saved (Almost 5 Days)



CP In-Home Medication Reconciliation Partnership

- February completed our In-Home Medication Reconciliation Pilot Program
- Involved a partnership with Southwest Idaho
 Advanced Care Hospital
- Performed in-home medication reconciliations with 17 patients discharged home
- Goal identify challenges or misunderstandings patients may have when they begin managing medications in the home
- Changed discharged protocols







Ada County Community Paramedic Liaison and Advisory Council

This group of healthcare experts are from all areas of the healthcare world with expertise ranging from community resources, government affairs and resource development to mental health and public health. The council consists of representatives from public health, state EMS, local hospital systems, nursing/home health and physicians.

- 15 Original Members
- Addition of a Council Member –Education

Community Paramedic Liaison and Advisory Council Mission

To bring together community leaders in healthcare who will advance the resources, reputation, and reach of our community paramedics to create an innovative and efficient healthcare delivery system.

Council Vision

<u>Mobile Integrated Health Care</u> – to provide leadership, resources, and modeling for the development of Community Paramedics into an active and collaborative part of the overall healthcare system.

<u>Patient Care</u> – to provide excellent patient-centered care, advocacy, and care coordination which will be driven by innovation, partnerships, patient activation, data collection and analysis, and continued education.

<u>Community Leadership</u> – to serve our community, patients and healthcare partners by leveraging established resources, innovation, data sharing, system coordination, education, and outreach.

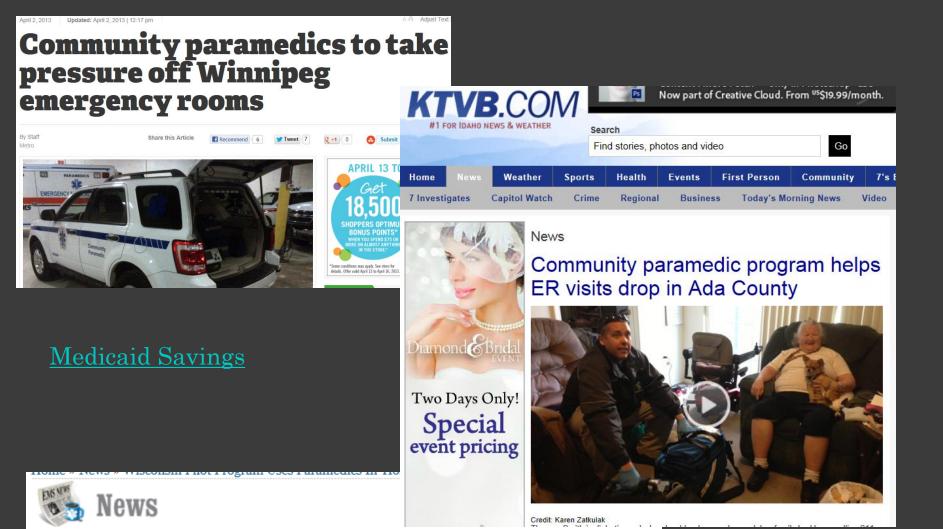
<u>Education</u> – to be a leader in establishing national Community Paramedic educational standards which incorporate best-practices within healthcare.

<u>Positive Outcomes</u> – to ensure every program aspect will focus on meaningful patient outcomes and overall population health.

D.O.T Program – Direct Observation Therapy – TB Patients

- Contract with Central District
 Health Department
- Billed for one hour then in
 15 minute increments
- Observe medication self-administration
- Monitor for negative side effects





Wisconsin Pilot Program Uses Paramedics In-Home to Reduce ER Visits

Aim of the community paramedic program is to improve the health of the patient who comes home from the hospital



Pilot program uses extended paramedic visits to assess and coach patients recently discharged from the hospital

In a Boise area pilot project, paramedics are taking on a new role to help patients avoid a return trip to the hospital. Within 48 hours of being discharged from a hospital, high-risk patients receive a two-hour home visit with a community paramedic, then weekly follow-up phone calls for a month. While the initiative is still in its early stages, results are promising—patient satisfaction scores are high and readmissions are being prevented.



Minnesota Community Paramedic Program Keeps Patients Out of Hospitals

State has become the epicenter of the community paramedic movement

Dallas Fire-Rescue: Paramedic 'house calls' pilot program showing early signs of success

New community paramedicine law signed in Maine

Maine Emergency Medical Services Board will be reviewing proposals for pilot sites and where they will be approved

Community Paramedics Expand Health-Care Access

article comments

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Jennifer Doyle | | Friday, January 15, 2010

Like many communities in the U.S., small town Eagle Valley, Colo., has a health-care crisis on its hands, but it's not waiting for Congress to legislate a solution. The Western Eagle County Ambulance District and Eagle County Public Health Department collaborated to create a community paramedic program that aims to improve access to health care in their rural area, where primary care physicians are scarce, 26% of people in the county are uninsured and 46% of the ambulance district's residents are uninsured.



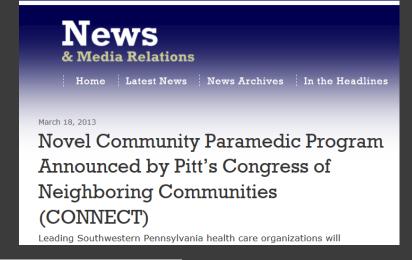




Community paramedics expand health safety net

By Christopher Johnson EDITORIAL ASSISTANT





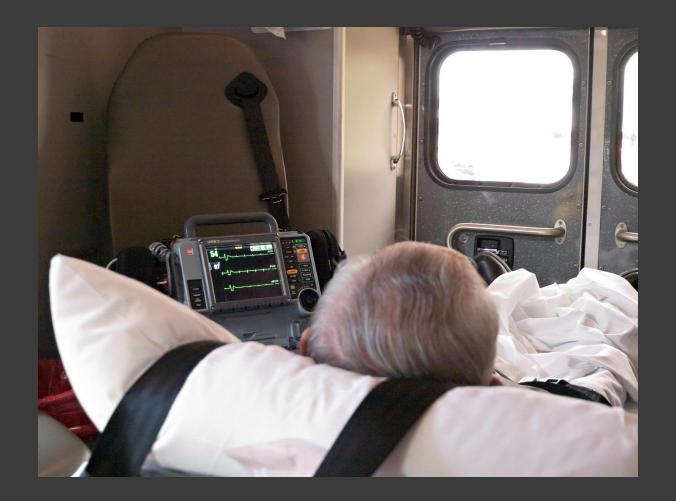
Novel Community Paramedic Program Announced by Pitt's Congress of Neighboring Communities (CONNECT)
03/18/2013

Leading Southwestern Pennsylvania health care organizations will collaborate to provide home care to residents suffering from chronic conditions

Community Paramedics Expand Health-Care Access







Questions?